



WFA2630

DC~26.5GHz, 30W

Features:
 * Low VSWR
 * High Attenuation Flatness

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency: DC~26.5GHz
 Attenuation: 1~10, 20, 30, 40, 50, 60dB
 Impedance: 50Ω
 Average Power^{*1, 2}: 30W@25°C max.
 Peak Power: 200W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 3W@125°C. (20, 30, 40dB)
 [2] Derated linearly to 3W@115°C. (1~10, 50, 60dB)

Mechanical

RF Connectors: SMA
 Housing^{*3}: Aluminum
 Dielectric: PEI
 Outer Conductor: Passivated stainless steel
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper
 [3] The above materials are only 20, 30, 40dB

Environmental

Temperature: -55~+125°C

How To Order

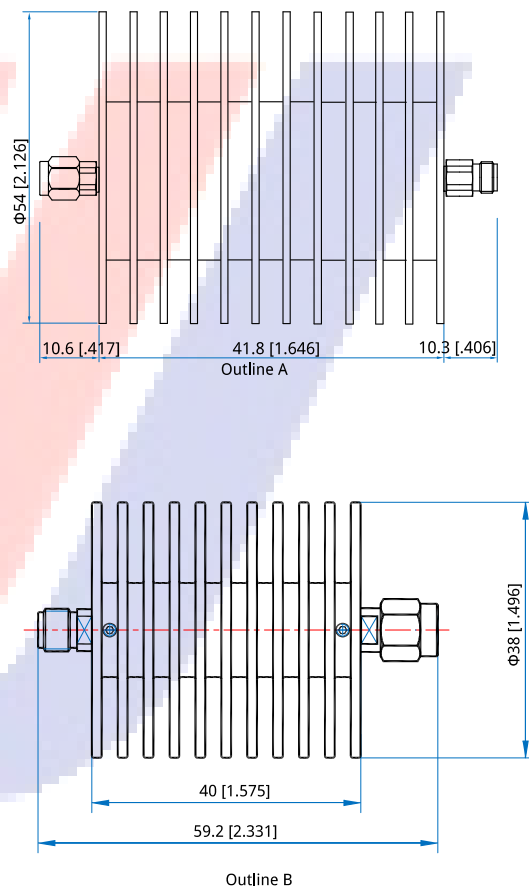
WFA2630-X-Y-Z

X: Frequency in GHz
 Y: Attenuation in dB
 20, 30, 40dB - Outline A
 1~10, 50, 60dB - Outline B
 Z: Connector type

Connector naming rules:
 S - SMA

Examples:
 To order an attenuator, DC~26.5GHz, SMA male to SMA female, 20dB attenuation, specify WFA2630-26.5-20-S.

Outline Drawings



Unit: mm [in]
 Tolerance: ±2mm [±0.08in]

Attenuation Accuracy and VSWR

Frequency (GHz)	Attenuation Accuracy (±dB) vs. Attenuation (dB)							VSWR (max.)
	1-5	6-10	20	30	40	50	60	
DC~26.5	+2.4	+1.2	-	-	-	+1.4	+1.5	1.35
DC~26.5	-	-	-1.5/+1.5	-1.5/+1.5	-1.5/+1.5	-	-	1.3